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| 11            | نفست              |   | IAI I HUU I   | OT OTHER YEAR                         |  |  |  |  |  |
|---------------|-------------------|---|---|---------------------------------------|--|--|--|--|--|
| FORM<br>(REV. | PTO-13<br>7-2005) | 390 (Modified) U.S. PATENT AND TRADEM   | ATTORNEY'S DOCKET NUMBER                            |                                       |  |  |  |  |  |
| Ĺ             |                   | RANSMITTAL LETTER 1   | 004974.01116  |                                       |  |  |  |  |  |
| ĺ.            | ı                 | DESIGNATED/ELECTE   | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)     |                                       |  |  |  |  |  |
|               |                   | NCERNING A SUBMISS  | тва 10/576792                                       |                                       |  |  |  |  |  |
| INTE          |                   | FIONAL APPLICATION NO. PCT/EP2004/011808  | INTERNATIONAL FILING DATE 19 October 2004           | PRIORITY DATE CLAIMED 31 October 2003 |  |  |  |  |  |
| TITLI         |                   | INVENTION   | 1) October 2004                                     | 31 00000 2003                         |  |  |  |  |  |
| DIA           | GNOS              |   | FOR DISEASES ASSOCIATED WITH (GPR85)                |                                       |  |  |  |  |  |
| APPI          | ICAN              | IT(S) FOR DO/EO/US  |   |                                       |  |  |  |  |  |
|               |                   | efan <i>et al</i> .   |   |                                       |  |  |  |  |  |
| Appli         | cant h            | erewith submits to the United State   | s Designated/Elected Office (DO/EO/US) the fo       | ollowing items and other information: |  |  |  |  |  |
| 1.            | $\boxtimes$       | This is a FIRST submission of iter  | ms concerning a submission under 35 U.S.C. 3        | 371.                                  |  |  |  |  |  |
| 2.            |                   | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.   |   |                                       |  |  |  |  |  |
| 3.            | ×                 | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. |   |                                       |  |  |  |  |  |
| 4.            | $\boxtimes$       | The US has been elected (Article 31).   |   |                                       |  |  |  |  |  |
| 5.            | $\boxtimes$       | A copy of the International Application as filed (35 U.S.C. 371 (c)(2))   |   |                                       |  |  |  |  |  |
|               |                   | a.  is attached hereto (required only if not communicated by the International Bureau).   |   |                                       |  |  |  |  |  |
|               |                   | b. 🛛 has been communicated  | d by the International Bureau.                      |                                       |  |  |  |  |  |
|               |                   | c. $\square$ is not required, as the ap   | oplication was filed in the United States Receiving | ing Office (RO/US).                   |  |  |  |  |  |
| 6.            |                   | An English language translation of  | f the International Application as filed (35 U.S.C  | C. 371(c)(2)).                        |  |  |  |  |  |
|               |                   | a.  is attached hereto.   |   |                                       |  |  |  |  |  |
|               |                   | b. $\square$ has been previously sub-   | mitted under 35 U.S.C. 154(d)(4).                   |                                       |  |  |  |  |  |
| 7.            |                   | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))   |   |                                       |  |  |  |  |  |
|               |                   | a.   are attached hereto (required only if not communicated by the International Bureau).   |   |                                       |  |  |  |  |  |
|               |                   | b.   have been communicate  | ed by the International Bureau.                     |                                       |  |  |  |  |  |
|               |                   | c.  have not been made; ho  | wever, the time limit for making such amendme       | ents has NOT expired.                 |  |  |  |  |  |
|               |                   | d. $\square$ have not been made and   | I will not be made.                                 |                                       |  |  |  |  |  |
| 8.            |                   | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |                                       |  |  |  |  |  |
| 9.            |                   | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).   |   |                                       |  |  |  |  |  |
| 10.           |                   | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).                   |   |                                       |  |  |  |  |  |
| 11.           |                   | A copy of the International Preliminary Examination Report (PCT/IPEA/409).  |   |                                       |  |  |  |  |  |
| 12.           | $\boxtimes$       | A copy of the International Search Report (PCT/ISA/210).  |   |                                       |  |  |  |  |  |
| Ite           | ems 1             | 3 to 23 below concern document  | (s) or information included:                        |                                       |  |  |  |  |  |
| 13.           | $\boxtimes$       | An Information Disclosure Statem  | ent under 37 CFR 1.97 and 1.98.                     | ·                                     |  |  |  |  |  |
| 14.           |                   | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |   |                                       |  |  |  |  |  |
| 15.           | $\boxtimes$       | A FIRST preliminary amendment.  |   |                                       |  |  |  |  |  |
| 16.           |                   | A SECOND or SUBSEQUENT preliminary amendment.   |   |                                       |  |  |  |  |  |
| 17.           |                   | A substitute specification.   |   |                                       |  |  |  |  |  |
| 18.           |                   | A power of attorney and/or change of address letter.  |   |                                       |  |  |  |  |  |
| 19.           | $\boxtimes$       | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.  |   |                                       |  |  |  |  |  |
| 20.           |                   | A second copy of the published International Application under 35 U.S.C. 154(d)(4).   |   |                                       |  |  |  |  |  |
| 21.           |                   | A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).   |   |                                       |  |  |  |  |  |
| 22.           |                   | Express Mail Label No.  |   |                                       |  |  |  |  |  |

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PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION NO (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.  |  |                                   |              |   |              | ATTORNEY'S DOCKET NUMBER |             |  |  |
|---|--|-----------------------------------|--------------|---|--------------|--------------------------|-------------|--|--|
| 1   | 976976   | T/B 9 / 6 7 9 2 PCT/EP2004/011808 |              |   | 004974.01116 |                          |             |  |  |
| 23. Other items or information: Form PTO-1449 ADS.  |  |                                   |              |   |              |                          |             |  |  |
| The fallencin   | a face have been   | h                                 |              |   |              | CALCULATIONS             | PTO USE     |  |  |
| _   | g fees have been :<br>ational fee  |                                   |              |   | \$300        |                          | <del></del> |  |  |
| If the written oping prepared by IPE  | nation fee (37 CFR ion prepared by ISAVUS indicates all ones   |                                   |              |   |              |                          |             |  |  |
| If the written opin<br>by IPEA/U:<br>Search fee (37 C<br>as an Inter<br>International Sea<br>previously   | fee (37 CFR 1.492 ionof the ISA/US of Sindicates all clair FR 1.445(a)(2)) hanational Searching rch Report prepare communicated to the | \$ \$400.00                       |              |   |              |                          |             |  |  |
| TOTA  | L OF 24, 25 and  | 26 =                              |              |   |              | \$ \$900.00              |             |  |  |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole |  |                                   |              |   |              |                          |             |  |  |
| - 100 =   | 0 /50 =  | <del></del>                       | 0            |   | × \$250.00   | \$ \$0.00                |             |  |  |
| Surcharge of \$13<br>declaration after  | 0.00 for furnishing the date of comme  | \$                                |              |   |              |                          |             |  |  |
| CLAIMS  | NUMBER F   | T                                 | UMBER EXTRA  |   | RATE         |                          |             |  |  |
| Total claims  | 21   | - 20 =                            | 1            | х | \$50.00      | \$ \$50.00               |             |  |  |
| Independent clair   | ns 8   | - 3=                              | 5            | x | \$200.00     | \$ \$1,000.00            |             |  |  |
| MULTIPLE DEPE   | ENDENT CLAIMS  | (if applicable)                   |              | + | \$360.00     | \$ \$0.00                |             |  |  |
|   | ······································   |                                   | <del> </del> |   |              |                          |             |  |  |
| Applicant cla   | TOTAL OF ABOVE CALCULATIONS =  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.                   |                                   |              |   |              |                          |             |  |  |
| SUBTOTAL =  |  |                                   |              |   |              | \$ \$1,950.00            |             |  |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).   |  |                                   |              |   |              | \$ \$0.00                |             |  |  |
|   |  | \$ \$1,950.00                     |              |   |              |                          |             |  |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +   |  |                                   |              |   |              | \$ \$0.00                |             |  |  |
| TOTAL FEES ENCLOSED =   |  |                                   |              |   |              | \$ \$1,950.00            |             |  |  |
|   |  |                                   |              |   |              | Amount to be             | \$          |  |  |
|   |  |                                   |              |   |              | Amount to be             | \$          |  |  |

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10/576792

PTO-1390 (Rev. 07-2005)
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| а. 🗌   | A check in the amount of \$   | to cover the above fees is enclosed. |                     |             |                          |  |  |  |
|--|---|--------------------------------------|---------------------|-------------|--------------------------|--|--|--|
| b. 🛚   | Please charge my Deposit Account No.  A duplicate copy of this sheet is enclosed.   | 19-0733                              | in the amount of \$ | \$1,950.00  | to cover the above fees. |  |  |  |
| c. 🛚   | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0733 . A duplicate copy of this sheet is enclosed.                                       |                                      |                     |             |                          |  |  |  |
| d. 🗀   | Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038. |                                      |                     |             |                          |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. |   |                                      |                     |             |                          |  |  |  |
| SEND ALL CORRESPONDENCE TO: Isa M. Illumedile  |   |                                      |                     |             |                          |  |  |  |
| Banner   | - & Witcoff, Ltd.   | SIGNATU                              |                     | 8           |                          |  |  |  |
| Custon   | ner Number: 22907   | Lisa Hen                             | Lisa Hemmendinger   |             |                          |  |  |  |
|  |   |                                      | NAME                |             |                          |  |  |  |
|  |   |                                      | 42,653              |             |                          |  |  |  |
|  |   |                                      | REGISTRA            | ATION NUMBE | R                        |  |  |  |
|  |   |                                      | april               | 21,2006     |                          |  |  |  |
|  |   |                                      | DATE                |             |                          |  |  |  |
|  |   |                                      |                     |             |                          |  |  |  |
|  |   |                                      |                     |             |                          |  |  |  |